Please replace the paragraph beginning at page 12, line 26, with the following rewritten paragraph:

Additional applications of the present invention include the calling of internal functions of the Internet appliance, when the Internet appliance is operating as a Web client, via HTML pages. For example, a URL may be used to define resources or functions within the Web client, e.g. checking email.

In the Claims

Please add new claims 64 - 140 as follows:

64. (New) A method for updating firmware of a configurable network appliance having local non-volatile memory for storing firmware, said method comprising:

establishing a telecommunications session between the network appliance and a network server;

accessing a web page stored on the network server, the web page having links to current firmware for the network appliance stored on a network storage device;

determining the version of firmware stored on the appliance;

receiving at the network appliance a later version of the firmware if a later version of firmware is available via the web page; and

storing the later version in the local non-volatile memory.

65. (New) A method in accordance with claim 64, wherein said determining includes:

obtaining a version identification corresponding to a firmware component currently available on the network storage device from the network server;

obtaining a version identification corresponding to the firmware component currently stored in local non-volatile memory of the network appliance; and

determining at the network appliance if the firmware component available on the network storage device is more current than the firmware component stored in local non-volatile memory of the network appliance.

66.   (New) A method in accordance with claim 64, wherein said determining includes:

sending a version identification corresponding to a firmware component currently stored in local non-volatile memory from the network appliance to the network server; and

determining at the server if the identified version has been superceded.

67.   (New) A method for updating firmware of a configurable network appliance having local non-volatile memory for storing a configuration profile and firmware, said method comprising:

establishing a telecommunications session between the network appliance and a network server;

transmitting firmware revision information from the network appliance to the network server;

receiving a communication from the network server indicating the availability of a firmware upgrade; and

automatically receiving the firmware upgrade if the configuration profile permits such automatic reception.

68.   (New) A method in accordance with claim 67, further comprising:

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presenting a user of the network appliance with an option to accept the firmware upgrade

if the configuration profile does not permit automatic downloading.

69. (New) A method for transmitting information from a network appliance to a network server, said method comprising:

configuring a profile stored in non-volatile memory of the network appliance, the profile containing profile information;

establishing a telecommunications session between the network appliance and a network server;

accessing a web page of the network server;

activating a link of the web page, said activating calling up a web form requiring filling in; and

transmitting data automatically from the profile information stored in the non-volatile memory of the network appliance in response to said activating so as to fill in at least a portion of said web form.

70. (New) A method for transmitting information from a network appliance to a network server, said method comprising:

configuring a profile stored in non-volatile memory of the network appliance, the profile containing profile information and a flag indicating whether the profile information may be used to automatically respond to queries;

establishing a telecommunications session between the network appliance and a network server;

accessing a web page of the network server;

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activating a link of the web page, said activating causing a query for particular

information contained in the profile information to be sent to the network appliance; and

transmitting the particular information automatically from the profile information stored

in the non-volatile memory if the flag indicates that the profile information may be used to

automatically respond to queries.

71. (New) A method for obtaining a capability upgrade for a configurable network appliance

having local non-volatile memory for storing upgrade-related information, said method

comprising:

establishing a telecommunications session between the network appliance and a network

server;

accessing a web page stored on the network server, the web page having a link to

capability upgrade-related information stored on a network storage device;

accessing said link;

receiving from the network server and storing in the local non-volatile memory of the

network appliance the capability upgrade-related information; and

using the capability upgrade-related information at the network appliance to perform the

upgraded capability.

72. (New) A method in accordance with claim 71 wherein the upgraded capability is call

forwarding.

73. (New) A configurable network appliance, comprising:

non-volatile memory for storing configuration information;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page stored on the network server with the network appliance, the web page having a link to stored information for configuration a parameter of the network appliance;

means for accessing the link to retrieve the stored information;

means for receiving at least a portion of the stored information with the network appliance;

means for parsing the at least a portion of the stored information to determine an action and identify configuration information to accompany the action; and

means for configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

74. (New) A configurable network appliance, comprising:

non-volatile memory for storing configuration information;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page stored on the network server with the network appliance to retrieve stored information for configuration of a parameter of the network appliance;

means for receiving at least a portion of the stored information with the network appliance;

means for parsing the at least a portion of the stored information to determine an action and identify configuration information to accompany the action; and

means for configuring the network appliance by writing configuration information derived from the stored information into a local non-volatile configuration memory of the network appliance in accordance with said action.

75. (New) A configurable network appliance, comprising:

non-volatile memory for storing configuration information;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page stored on the network server with the network appliance;

means for causing the download and reception of at least a portion of the web page to the network appliance;

means for reading a configuration value for a parameter of the network appliance from said non-volatile memory; and

means for writing the configuration value to a storage device associated with the web page.

76. (New) The apparatus of claim 73, further comprising:

means for creating a profile containing a plurality of items of configuration information for the network appliance;

means for storing said profile in said non-volatile memory; and

means for using said profile.

77. (New) The apparatus of claim 74, further comprising:

means for creating a profile containing a plurality of items of configuration information for the network appliance;

means for storing said profile in said non-volatile memory; and

means for using said profile.

78.   (New) The apparatus of claim 75, further comprising:

means for creating a profile containing a plurality of items of configuration information

for the network appliance;

means for storing said profile in said non-volatile memory; and

means for using said profile.

79.   (New) A configurable network appliance, comprising:

non-volatile memory for storing configuration information;

means for creating a profile containing a plurality of items of configuration information

for the network appliance;

means for storing the profile in said non-volatile memory;

means for establishing a telecommunications session between the network appliance and

a network server;

means for accessing a web page stored on the network server with the network appliance

to retrieve stored information for configuration of a parameter of the network appliance;

means for receiving at least a portion of the stored information with the network

appliance;

means for parsing the at least a portion of the stored information to determine an action

and identify configuration information to accompany the action;

means for reading the profile; and

means for configuring the network appliance in accordance with the profile by writing the configuration information derived from the stored information into said non-volatile memory in accordance with said action.

80. (New) A configurable network appliance, comprising:

non-volatile memory for storing firmware;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page stored on the network server, the web page having links to current firmware for the network appliance stored on a network storage device;

means for determining the version of firmware stored on the appliance;

means for receiving at the network appliance a later version of the firmware if a later version of firmware is available via the web page; and

means for storing the later version in said non-volatile memory.

81. (New) The apparatus of claim 80, wherein said means for determining includes:

means for obtaining a version identification corresponding to a firmware component currently available on the network storage device from the network server;

means for obtaining a version identification corresponding to the firmware component currently stored in said non-volatile memory; and

means for determining at the network appliance if the firmware component available on the network storage device is more current than the firmware component stored in said non-volatile memory.

82. (New) The apparatus of claim 80, wherein said means for determining includes:

means for sending a version identification corresponding to a firmware component

currently stored in said non-volatile memory from the network appliance to the network server; and

means for determining if the identified version has been superceded.

83. (New) A configurable network appliance, comprising:

non-volatile memory for storing a configuration profile and firmware;

means for establishing a telecommunications session between the network appliance and a network server;

means for transmitting firmware revision information from the network appliance to the network server;

means for receiving a communication from the network server indicating the availability of a firmware upgrade; and

means for automatically receiving the firmware upgrade if the configuration profile permits such automatic reception.

84. (New) The apparatus of claim 83, further comprising:

means for presenting a user of the network appliance with an option to accept the firmware upgrade if the configuration profile does not permit automatic downloading.

85. (New) A network appliance, comprising:

non-volatile memory;

means for configuring a profile stored in said non-volatile memory, the profile containing profile information;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page of the network server;

means for activating a link of the web page and thereby calling up a web form requiring filling in; and

means for transmitting data automatically from the profile information stored in said non-volatile memory in response to said means for activating so as to fill in at least a portion of said web form.

86. (New) A network appliance, comprising:

a non-volatile memory;

means for configuring a profile stored in said non-volatile memory, the profile containing profile information and a flag indicating whether the profile information may be used to automatically respond to queries;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page of the network server;

means for activating a link of the web page, said mans for activating causing a query for particular information contained in the profile information to be sent to the network appliance; and

means for transmitting the particular information automatically from the profile information stored in said non-volatile memory if the flag indicates that the profile information may be used to automatically respond to queries.

87. (New) A configurable network appliance, comprising:

non-volatile memory for storing upgrade-related information;

means for establishing a telecommunications session between the network appliance and a network server;

means for accessing a web page stored on the network server, the web page having a link to capability upgrade-related information stored on a network storage device;

means for accessing said link;

means for receiving from the network server and storing in said non-volatile memory the capability upgrade-related information; and

means for using the capability upgrade-related information at the network appliance to perform the upgraded capability.

88.   (New) The apparatus of claim 87 wherein the upgraded capability is call forwarding.

89.   (New) A network appliance, comprising:

non-volatile memory for storing configuration information;

a data telecommunications device communicating with a network server;

a browser for accessing a web page stored on the network server, the web page having a link to stored information for configuring a parameter of the network appliance;

a parser receiving and parsing at least a portion of the stored information to determine an action and identify configuration information to accompany the action; and

a configurer writing configuration information derived from the stored information into said non-volatile memory in accordance with said action.

90.   (New) A network appliance, comprising:

non-volatile memory for storing configuration information;

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a data telecommunications device communicating with a network server;

a browser for accessing and downloading at least a portion of a web page stored on the network server;

a reader for reading a configuration value for a parameter of the network appliance from said non-volatile memory; and

a writer for writing the configuration value to a storage device associated with the web page.

91. (New) A network appliance, comprising:

non-volatile memory for storing configuration information;

a profile creator for creating and storing in said memory a profile containing a plurality of items of configuration information for the network appliance;

a data telecommunications device communicating with a network server;

a browser for accessing a web page stored on the network server to retrieve stored information for configuration of a parameter of the network appliance;

a parser for parsing the stored information to determine an action and identify configuration information to accompany the action;

a configurer responsive to the profile, the action and the identified configuration information for configuring the network appliance by writing the configuration information derived from the stored information into said non-volatile memory.

92. (New) A network appliance, comprising:

non-volatile memory for storing firmware;

a data telecommunications device communicating with a network server;

a browser for accessing a web page stored on the network server, the web page having links to current firmware for the network appliance stored on a network storage device; and

a determiner for determining whether a more recent version of firmware is available on the network storage device and causing such a more recent version to be downloaded to and received by the network appliance and stored in said non-volatile memory.

93. (New) A network appliance, comprising:

non-volatile memory for storing a configuration profile and firmware;

a data telecommunications device communicating with a network server and transmitting to the network server firmware revision information corresponding to installed firmware of the network appliance; and

a determiner receiving a communication from the network server indicating the availability of a firmware upgrade and automatically receiving and installing the firmware upgrade onto the network appliance if the configuration profile is configured to permit such automatic reception.

94. (New) A network appliance, comprising:

a non-volatile memory having stored therein a profile of the network appliance, the profile containing profile information;

a data telecommunications device communicating with a network server; and

a browser for accessing a web page of the network server and activating a link of the web page so as to call up a web form requiring filling in, said browser automatically reading the profile information stored in said non-volatile memory and using it to fill in at least a portion of said web form.

95. (New) A network appliance, comprising

a non-volatile memory;

a configurer for configuring a profile and storing it in said non-volatile memory, the profile containing profile information and a flag indicating whether the profile information may be used to automatically respond to queries;

a data telecommunications device communicating with a network server; and

a browser for accessing a web page of the network server, activating a link of the web page, said activating causing a query for particular information contained in the profile information to be sent to the network appliance, and transmitting the particular information automatically from the profile information stored in said non-volatile memory if the flag indicates that the profile information may be used to automatically respond to queries.

96. (New) A network appliance, comprising:

a non-volatile memory;

a data communications device communicating with a network server;

a browser for accessing a link of a web page stored on the network server, the link referencing capability upgrade-related information stored on a network storage device;

a receiver for receiving from the network server, storing in said non-volatile memory and installing the capability upgrade-related information.

97. (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for configuring a configurable network appliance having local non-volatile memory for storing configuration information, said method comprising:

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establishing a telecommunications session between the network appliance and a network

server;

accessing a web page stored on the network server with the network appliance, the web

page having a link to stored information for configuration a parameter of the network appliance;

accessing the link to retrieve the stored information;

receiving at least a portion of the stored information with the network appliance;

parsing the at least a portion of the stored information to determine an action and identify

configuration information to accompany the action; and

configuring the network appliance by writing configuration information derived from the

stored information into a local non-volatile configuration memory of the network appliance in

accordance with said action.

98. (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for configuring a configurable

network appliance having local non-volatile memory for storing configuration information, said

method comprising:

establishing a telecommunications session between the network appliance and a network

server;

accessing a web page stored on the network server with the network appliance to retrieve

stored information for configuration of a parameter of the network appliance;

receiving at least a portion of the stored information with the network appliance;

parsing the at least a portion of the stored information to determine an action and identify

configuration information to accompany the action; and

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configuring the network appliance by writing configuration information derived from the

stored information into a local non-volatile configuration memory of the network appliance in

accordance with said action.

99. (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for uploading configuration

information from a configurable network appliance to a network server, the appliance having

local non-volatile memory for storing configuration information, said method comprising:

establishing a telecommunications session between the network appliance and the

network server;

accessing a web page stored on the network server with the network appliance;

downloading at least a portion of the web page to the network appliance;

reading a configuration value for a parameter of the network appliance from a local non-

volatile memory associated with the network appliance; and

writing the configuration value to a storage device associated with the web page.

100. (New) A device in accordance with claim 97 wherein said method further comprises:

creating a profile containing a plurality of items of configuration information for the

network appliance;

storing said profile in local non-volatile configuration memory of the network appliance;

and

using said profile during said configuring.

101. (New) A device in accordance with claim 98 wherein said method further comprises:

creating a profile containing a plurality of items of configuration information for the

network appliance;

storing said profile in local non-volatile configuration memory of the network appliance;

and

using said profile during said configuring.

102.   (New) A device in accordance with claim 100 wherein said method further comprises:

creating a profile containing a plurality of items of configuration information for the

network appliance;

storing said profile in local non-volatile configuration memory of the network appliance;

and

using said profile during said configuring.

103.   (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for configuring a configurable

network appliance having local non-volatile memory for storing configuration information, said

method comprising:

creating a profile containing a plurality of items of configuration information for the

network appliance;

storing the profile in the local non-volatile configuration memory of the network

appliance;

establishing a telecommunications session between the network appliance and a network

server;

accessing a web page stored on the network server with the network appliance to retrieve

stored information for configuration of a parameter of the network appliance;

receiving at least a portion of the stored information with the network appliance;

parsing the at least a portion of the stored information to determine an action and identify configuration information to accompany the action;

reading the profile; and

configuring the network appliance in accordance with the profile by writing the configuration information derived from the stored information into the local non-volatile configuration memory of the network appliance in accordance with said action.

104. (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for updating firmware of a configurable network appliance having local non-volatile memory for storing firmware, said method comprising:

establishing a telecommunications session between the network appliance and a network server;

accessing a web page stored on the network server, the web page having links to current firmware for the network appliance stored on a network storage device;

determining the version of firmware stored on the appliance;

receiving at the network appliance a later version of the firmware if a later version of firmware is available via the web page; and

storing the later version in the local non-volatile memory.

105. (New) A device in accordance with claim 104 wherein said determining further comprises:

obtaining a version identification corresponding to a firmware component currently available on the network storage device from the network server;

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obtaining a version identification corresponding to the firmware component currently

stored in local non-volatile memory of the network appliance; and

determining at the network appliance if the firmware component available on the network

storage device is more current than the firmware component stored in local non-volatile memory

of the network appliance.

106.   (New) A device in accordance with claim 104 wherein said determining further

comprises:

sending a version identification corresponding to a firmware component currently stored

in local non-volatile memory from the network appliance to the network server; and

determining at the server if the identified version has been superceded.

107.   (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for updating firmware of a

configurable network appliance having local non-volatile memory for storing a configuration

profile and firmware, said method comprising:

establishing a telecommunications session between the network appliance and a network

server;

transmitting firmware revision information from the network appliance to the network

server;

receiving a communication from the network server indicating the availability of a

firmware upgrade; and

automatically receiving the firmware upgrade if the configuration profile permits such

automatic reception.

108. (New) A device in accordance with claim 107 wherein said method further comprises:

presenting a user of the network appliance with an option to accept the firmware upgrade

if the configuration profile does not permit automatic downloading.

109. (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for transmitting information from

a network appliance to a network server, said method comprising:

configuring a profile stored in non-volatile memory of the network appliance, the profile

containing profile information;

establishing a telecommunications session between the network appliance and a network

server;

accessing a web page of the network server;

activating a link of the web page, said activating calling up a web form requiring filling

in; and

transmitting data automatically from the profile information stored in the non-volatile

memory of the network appliance in response to said activating so as to fill in at least a portion

of said web form.

110. (New) A program storage device readable by a machine, tangibly embodying a program

of instructions executable by the machine to perform a method for transmitting information from

a network appliance to a network server, said method comprising:

configuring a profile stored in non-volatile memory of the network appliance, the profile

containing profile information and a flag indicating whether the profile information may be used

to automatically respond to queries;

establishing a telecommunications session between the network appliance and a network server;

accessing a web page of the network server;

activating a link of the web page, said activating causing a query for particular information contained in the profile information to be sent to the network appliance; and

transmitting the particular information automatically from the profile information stored in the non-volatile memory if the flag indicates that the profile information may be used to automatically respond to queries.

111. (New) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method for obtaining a capability upgrade for a configurable network appliance having local non-volatile memory for storing upgrade-related information, said method comprising:

establishing a telecommunications session between the network appliance and a network server;

accessing a web page stored on the network server, the web page having a link to capability upgrade-related information stored on a network storage device;

accessing said link;

receiving from the network server and storing in the local non-volatile memory of the network appliance the capability upgrade-related information; and

using the capability upgrade-related information at the network appliance to perform the upgraded capability.

112. (New) A device in accordance with claim 111 wherein the capability upgrade is call forwarding.

113. (New) An Internet compatible telephone comprising:

non-volatile memory for storing configuration information;

a profile creator for creating and storing in said memory a profile containing a plurality of items of configuration information for the Internet compatible telephone;

a data telecommunications device communicating with a network server;

a browser for accessing a web page stored on the network server to retrieve stored information for configuration of a parameter of the network appliance;

a parser for parsing the stored information to determine an action and identify configuration information to accompany the action; and

a configurer responsive to the profile, the action and the identified configuration information for configuring the network appliance by writing the configuration information derived from the stored information into said non-volatile memory.

114. (New) The apparatus of claim 113, wherein the configuration information is accessible to the network server to provide customized services to the internet compatible telephone in accordance to the profile.

115. (New) The apparatus of claim 113, wherein the profile comprises an option feature.

116. (New) The apparatus of claim 115, wherein the option feature comprises a security scheme that prevents unauthorized modifications to the profile.

117.   (New) The apparatus of claim 115, wherein the option feature comprises a monitoring module that checks the version of a feature on the Internet compatible telephone and alerts the user when a web page contains an upgrade to the profile.

118.   (New) The apparatus of claim 113, wherein the profile comprises a support feature.

119.   (New) The apparatus of claim 118, wherein the support feature is call waiting.

120.   (New) The apparatus of claim 118, wherein the support feature is call forwarding.

121.   (New) The apparatus of claim 118, wherein the support feature is last call returned.

122.   (New) The apparatus of claim 118, wherein the support feature is email checking.

122.   (New) The apparatus of claim 113, wherein the profile comprises a settings feature.

124.   (New). The apparatus of claim 123, wherein the setting feature is an Internet Service Provider telephone number stored in the non-volatile memory.

125.   (New) The apparatus of claim 123, wherein the setting feature is a user identification stored in the non-volatile memory.

126.   (New) The apparatus of claim 125, wherein the user identification storage comprises a user name, a user street address, a user zip code, and a user telephone number stored in the non-volatile memory.

127. (New) An Internet compatible telephone, comprising:

non-volatile memory for storing configuration information;

a data telecommunications device communicating with a network server;

a browser for accessing a web page stored on the network server, the web page having a link to stored information for configuring a parameter of the Internet compatible telephone;

a parser receiving and parsing at least a portion of the stored information to determine an action and identify configuration information to accompany the action; and

a configurer writing configuration information derived from the stored information into said non-volatile memory in accordance with said action.

128. (New) The apparatus of claim 127, wherein the configuration information is accessible to the network server to provide customized services to the internet compatible telephone in accordance to the profile.

129. (New) The apparatus of claim 127, wherein the profile comprises an option feature.

130. (New) The apparatus of claim 129, wherein the option feature comprises a security scheme that prevents unauthorized modifications to the profile.

131. (New) The apparatus of claim 129, wherein the option feature comprises a monitoring module that checks the version of a feature on the Internet compatible telephone and alerts the user when a web page contains an upgrade to the profile.

132. (New) The apparatus of claim 127, wherein the profile comprises a support feature.

133.   (New) The apparatus of claim 122, wherein the support feature is call waiting.

134.   (New) The apparatus of claim 132, wherein the support feature is call forwarding.

135.   (New) The apparatus of claim 132, wherein the support feature is last call returned.

136.   (New) The apparatus of claim 132, wherein the support feature is email checking.

137.   (New) The apparatus of claim 127, wherein the profile comprises a settings feature.

138.   (New) The apparatus of claim 127, wherein the setting feature is an Internet Service

Provider telephone number stored in the non-volatile memory.

139.   (New) The apparatus of claim 127, wherein the setting feature is a user identification

stored in the non-volatile memory.

140.   (New) The apparatus of claim 127, wherein the user identification storage comprises a

user name, a user street address, a user zip code, and a user telephone number stored in the non-

volatile memory.